

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE & ALL DAKOTA EXCEPT
BARKER DOME STORAGE AREA)Initial
Deliverability Test

72715 Pool BLANCO Lease SAN JUAN 30 5 26 No. 32
 Formation MV Unit A 26 30 05 Pay Zone 6244 to 6366 Cty. RA
 Casing - OD 5500 Wt. 1550 Set at 6454 Tubing - OD 2000 Wt. 0470 L 6352 (T. Perf.)
 Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow
 From 120760 To 121560 S.I.P. Measured 060260 Prod. String O.D. 2.000
 Deadweight Flowing Pressure, psia
 Casing (a) Tubing (b) Meter (c) Wt. 4.70
 Flowing Pressure, psia
 Chart (d) Tubing 1185 (k) Casing 1185 (j) Length 6352
 Deadweight Shut-in Pressure, psia

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia 504 Chart (g) Corrected 504 (h)

FRICTION CALCULATION

Grav. .582 $P_t =$ 504 (i) GL = 3697 $(1-e^{-s}) =$.236

$(F_c Q)^2 =$ 3606 $(1-e^{-s})(F_c Q)^2 = R^2 =$ 851 $P_t^2 =$ 254016 $P_w^2 =$ 254867

FLOW RATE CALCULATION

$Q =$ 202 $\times \sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} =$ 202

DELIVERABILITY CALCULATION

$D = Q$ 202 $\times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{.9157}{.9360} =$ 189

SUMMARY

$P_c =$ 1185
 $Q =$ 202
 $P_w =$ 505
 $P_d =$ 593
 $D =$ 189

D at 250 or 500 201

Note:

250 = for P.C.
 500 = for M.V.

Company EL PASO NATURAL GAS CO.By H. L. KENDRICKTitle GAS ENGINEER

Witnessed By _____

Company _____

JAN 5 196
 OIL CON. CO
 DIST. 3